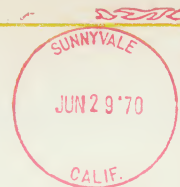


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757 N. Pastoria Ave.
Sunnyvale, California
94086



B

ANOTHER **Datamation** READER INQUIRY
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ADV

3rd Class

Peripheral Technology announces the PTI 2600 online/offline COM.



DATAMATION six months ago named our under-\$50k COM, the PTI 1300, Product of the Month. We are now delivering.

The PTI 2600 computer output microfilmer delivers the information where you need it, when you need it. It prints 26,000 lines per minute on line with your IBM System/360. Or off line with a 1600 bpi magnetic tape unit.

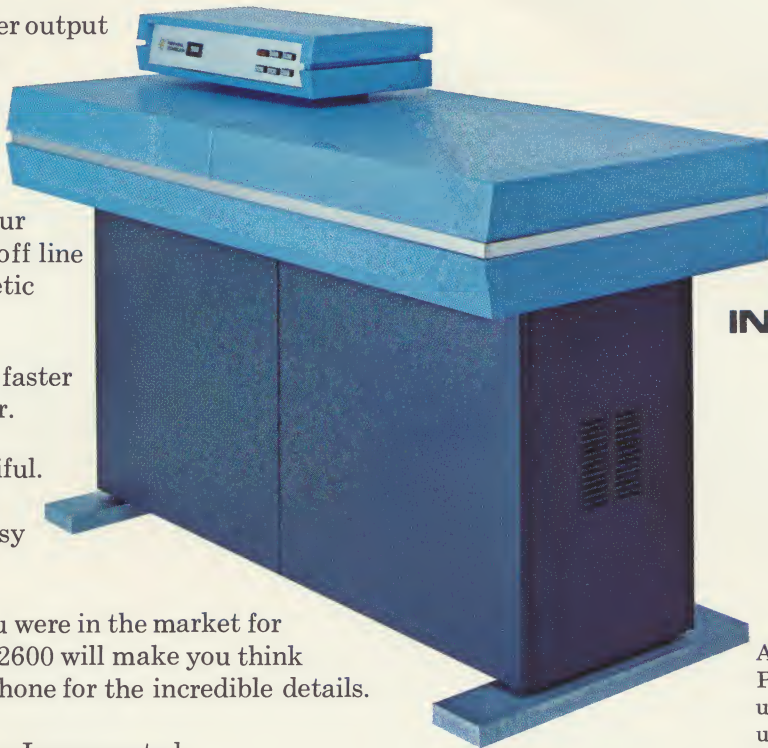
That's about 20 times faster than an impact printer.

Print quality is beautiful. Reliability is built in. And it's simple and easy to operate.

If you didn't think you were in the market for COM before, the PTI 2600 will make you think again. Write, wire or phone for the incredible details.

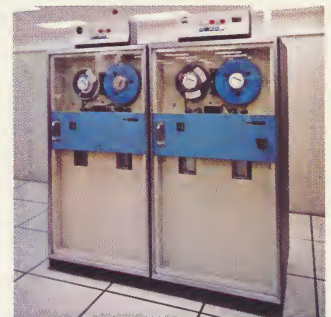
Peripheral Technology, Incorporated.
757 N. Pastoria Avenue
Sunnyvale, California 94086.
(408) 732-4940.

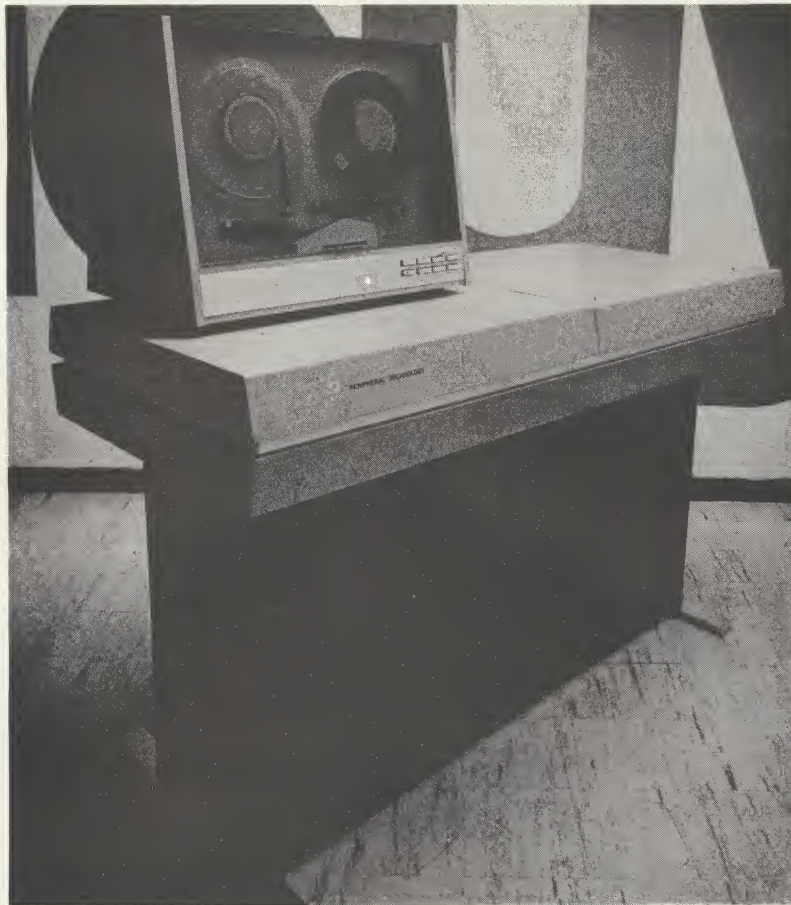
See the PTI 2600 first at the National Microfilm Association Convention in San Francisco (ah! an excuse for a spring trip to The City)
April 28-30. Booths 656 and 658.



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A really unique feature of the PTI 2600 is that it can be unplugged from your 360 and used off line by plugging it into an IBM-compatible 1600 bpi tape drive. The controller interface is built in.





computer output microfilmer

The throughput performance of many commercial data processing shops, and a few scientific installations, can sometimes be measured best by the number of tons of paper they go through in a month. Converting that amount of paper to microfilm has been a Utopian dream, distant because the \$100,000-plus cost of computer output microfilmers was out of range. The Model 1300 represents one of the first breaks in the com price barrier. A simplified unit, it has been built to sell at less than \$50K.

The 1300 "prints" alphanumerics at a rate of 13,000 lpm, more than 10 times as fast as an equally expensive line printer. It outputs on 16mm unsprocketed film from print format output tapes in 9-track 800 bpi format. Unlike many off-line systems that make their price look attractive by charging extra for required peripherals, the 1300's mag tape unit is built-in—or built-on. The system works with an expandable 64 character set, EBCDIC input. It does its own parity checking and has such niceties as a frames counter the operator can reset.

Character generation is done by a proprietary crt-based technique,

and the 13,000 line per minute figure given for 132-character lines translates into a minimum page rate of 156 64-line pages per minute. A more typical speed might be around 300 pages per minute, since few pages are ever really completely full.

Standard features include automatic parity checking and rereading, 24X reductions, a test pattern generator, and an ability to print eight lines per inch instead of the standard six. Options include a forms flash (for overlaying forms from a slide), image retrieval coding (which will be bar coding and an image count number at first), a card reader (to take the place of coding by plugboard), and code conversion for BCD and ASCII inputs.

The selling price of the 1300 is \$49,750 including the 30 kc 9-track tape unit. It is the first product of a new company that wanted to start out big. The low-silhouette unit was constructed by taking out as many parts as possible. The parts left in include only a few logic cards, and most problems that can occur in the system are expected to be field-corrected in minutes. PERIPHERAL TECHNOLOGY, INC., Sunnyvale, Calif.

CIRCLE 280 ON READER CARD



The PTI 1300 COM



PERIPHERAL TECHNOLOGY INCORPORATED

757 North Pastoria Avenue, Sunnyvale, California 94086

System specification/ design

The 1300 Computer Output Microfilm System accepts IBM compatible computer generated magnetic tape and prints alphanumeric data on 16mm microfilm in computer page format. This printing is done off line, allowing parallel computer operation.

INPUT:

IBM Compatible Magnetic Tape: 9 track, 800 B.P.I., NRZ recording, standard line printer format for full compatibility with existing print records. Fixed and variable length records, blocked or unblocked.

OUTPUT:

16mm microfilm. Standard computer output line printer format 132 characters per line, 64 lines per page.

SPEED:



13,000 lines per minute.

THROUGHPUT:

156 to 500 pages per minute.

CHARACTER SPECIFICATION:

A basic set of 64 gothic style characters expandable to 128.

RELIABILITY:

Standard features include automatic vertical and longitudinal parity checking and automatic re-read on parity error detection. Built-in test generator for high speed maintenance.

OTHER STANDARD FEATURES:

Individual files may be selected and printed from tape.

IBM compatible EBCDIC input code.

Void frame mark.

Film fault, film remaining indicators.

Vertical tabbing.

Variable film pulldown.

Operator selectable 86 lines/page.

Frame counter (operator reset).

600 foot rolls non perforated microfilm.

OPTIONS:

Forms flash.

Image retrieval.

Card reader for high speed set-up.

7 track tape transport, B.C.D. coding.

Print list mode.

